

ABSTRACT

An encapsulated product comprises a plurality of micro-capsules formed from a plurality of micro-organisms and having a lipophilic active encapsulated and passively retained within said micro-capsules. The lipophilic active is not being a natural constituent of the micro-organisms, and the micro-capsules has: (a) an at least substantially intact cell wall, and (b) an intact cell membrane. The micro-capsules are formulated to target delivery of the micro-capsules and the lipophilic active to at least one desired mucous membrane.